



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/816,576	03/24/2004	Hou Tee Ng	ARC-15042-2

CONFIRMATION NO. 9400

FORMALITIES LETTER



OC000000012930566

25186
 NASA AMES RESEARCH CENTER
 ATTN: PATENT COUNSEL
 MAIL STOP 202A-4
 MOFFETT FIELD, CA 94035-1000

Date Mailed: 06/14/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1)); See Figure(s) 3A-3E.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

- \$130 Late oath or declaration Surcharge.

07/28/2004 WABDELRI 00000089 140116 10816576

01 FC:1051 130.00 DA

received 06/18/2004

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

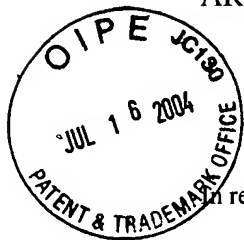
*A copy of this notice **MUST** be returned with the reply.*

T. Ketsela

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hou Tee Ng, Jun Li, and Meyya Meyyappan

Serial No: 10/816,576

Filed: March 24, 2004

For: "Metallic Nanowire Interconnections for Integrated Circuit Fabrication"

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**COMPLETION OF FILING REQUIREMENTS
--NONPROVISIONAL APPLICATION**

1. This response replies to the Notice to File Missing Parts of Nonprovisional Application mailed June 14, 2004.
☒ A copy of the Notice to File Missing Parts of Nonprovisional Application is enclosed.
2. **Declaration or Oath**
☒ The declaration or oath that was filed was determined to be defective. A new original oath or declaration is attached.

Certificate of Mailing/Transmission (37 CFR 1.8(a))

I hereby certify that this correspondence comprising:

One Return Postcard
Transmittal/Fee Sheet/ Mailing Certificate (3 pages, in duplicate)
Executed Declaration (2 pages)
Replacement Drawings (5 sheets, including figs. 1A-B, 2A-F, and 3A-F)
Copy of Notice to File Missing Parts (2 pages)

is being deposited on the date shown below with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: July 9, 2004

July 10, 2004

Signature

Vickie L. Kent 07/09/2004Vickie L. Kent

Vickie L. Kent 07/10/04

RECEIVED
JUL 27 2004
OIP/ JCWS

3. **Replacement Drawings**

- ☒ Replacement Drawings in Compliance with 37 CFR 1.84 and 37 CFR 1.121 are attached.

5 Sheets, consisting of figs. 1A-B, 2A-F, and 3A-F

4. **Completion Fees**

- ☐ late payment of filing fee

and/or

- ☒ late filing of original declaration or oath \$ 130.00
[37 CFR 1.16(e) --\$130.00]

Total Completion fees \$ 130.00

5. **Extension of Time**

The proceedings herein are for a patent application, and the provisions of 37 CFR 1.136(a) apply.

- (a) ☐ Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)(1)-(5), for the total number of months checked below:
- ☒ Applicant is other than a small entity

Extension
(months)

Fee for other than
small entity

<input type="checkbox"/> one month	\$ 110.00
<input type="checkbox"/> two months	\$ 420.00
<input type="checkbox"/> three months	\$ 950.00
<input type="checkbox"/> four months	\$1,480.00
<input type="checkbox"/> five months	\$2,010.00

Extension Fee \$ _____

If an additional extension of time is required, please consider this a petition therefor.

- ☐ An extension for _____ months has already been secured, and the fee paid therefor of \$_____ is deducted from the total fee due for the total months of extension now requested.

Total extension fee due with this request \$_____

or

- (b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

6. Total Fee Due

The total fee due is

Completion fee(s) \$130.00

Extension fee (if any) \$_____

Total Fee Due \$130.00

7. Payment of Fees, Authorization to Charge Additional Fees, and Authorization to Credit Overpayment

- ☒ Please charge Deposit Account No. 14-0116 in the amount of \$130.00.
A duplicate of this request is attached.
- ☒ The Commissioner is hereby authorized to charge any additional fee that may be required to effect the filing of this paper or credit any overpayment to Deposit Account No. 14-0116.

Reg. No.: 26,994

Tel. No.: (650) 604-0887

John F. Schipper 09 July 2004
John F. Schipper date
Patent Attorney
NASA Ames Research Center
Mail Stop 202A-4
Moffett Field, CA 94035-1000